Honeywell

Dolphin 99EXhc

Mobile Computer

Purpose built for use in healthcare environments, Honeywell's Dolphin® 99EXhc mobile computer provides extreme durability, cutting-edge wireless technology, user-friendly ergonomics, and multi-functional data capture for healthcare professionals performing a variety of applications including point-of-care, specimen collection and inventory management.

Excellent at resisting the harmful effects of fast-drying disinfecting solutions, the Dolphin 99EXhc is equipped with disinfectant-ready housings that deliver long-term reliability, reduce cleaning time and lower repair costs when compared to devices made from traditional materials.

The productivity-enhancing Dolphin 99EXhc delivers long-lasting battery life that can stand up to the challenge of extended shifts, eliminating the need for healthcare professionals to waste precious time on battery swaps. Optimized for single-handed use, the lightweight 99EXhc minimizes user fatigue and ensures that users have a free hand to provide patient care. The offering also incorporates a 3.7 inch display that provides easy viewing of more patient data on a single screen.

The 99EXhc features the latest in wireless technology, including compatibility with the new, lightning fast 802.11n standard for quicker access to critical patient data. Additionally, healthcare professionals that provide in-home patient care can connect to hospital databases, regardless of location, through use of an integrated software-definable radio that allows on-the-fly switching between GSM and CDMA networks.

Designed with input from leading healthcare institutions, Honeywell's Dolphin 99EXhc mobile computer provides a rugged solution that enables healthcare institutions to transition from paper-based to automated processes, driving increased productivity and patient safety.



Features

- **Disinfectant-Ready Housings:** Optimal for environments where the device must be cleaned frequently with harsh chemicals, and device reliability and longevity are important
- **Superior Durability:** Incorporates an IP67-rated design that withstands multiple 6 foot drops to concrete and 2,000 1 meter tumbles, resulting in a lower total cost of ownership for healthcare institutions
- **Adaptus® Imaging Technology 6.0:** Enables multi-functional data capture by providing fast scanning of linear and 2D bar codes on patient wristbands, medications and medical equipment with excellent motion tolerance, as well as seamless image capture through use of an integrated color camera
- **Fast and Reliable Wireless Connectivity:** Delivers full wireless coverage for hospital- and home-based healthcare professionals, allowing real-time access to critical patient data
- **Optimal Combination of Performance and Usability:** Improves ease of use and worker efficiency with a large screen, multiple keypad options, a super fast CPU and smart sensors
- **Optional Remote MasterMind® Software Package:** Extends mobile workforce capabilities and reduces total cost of ownership by providing a turnkey remote device management solution
- **Optional Service Made Simple™ Service Plans:** Offers comprehensive, hassle-free protection on the device investment for up to five years after purchase

Dolphin 99EXhc Technical Specifications

Mechanical/Environmental	
Dimensions	8.5˝ L x 2.7˝ W (keypad) x 1.5˝ (standard battery)/1.8˝ (extended battery) 215 mm L x 69 mm W (keypad) x 39 mm (standard battery)/45mm (extended battery)
Weight	Standard battery – 505g (17.8 oz); Extended battery – 581g (20.5 oz)
Operating Temperature	-4° to 122°F (-20° to 50°C)
Storage Temperature	-13° to 158°F (-25° to 70°C)
Humidity	95% humidity, non-condensing
Drop	Withstands multiple 6´ (1.8m) drops to concrete, all axis, and across operating temperature range
Tumble	Exceeds 2,000 (1m) tumbles per IEC 60068-2-32 specification
Environmental Sealing	Independently certified to meet IP67 standards for moisture and particle resistance
ESD	Air: ±15 KV; Contact: ±8 KV
System Architecture	
Processor	Texas Instruments® OMAP3715 1.0GHz processor
Operating System	Microsoft® Windows Embedded Handheld 6.5 Professional and Classic
Memory	1GB discrete NAND flash x 256 MB RAM
Display	Chemically strengthened 3.7˝ transflective active matrix glass display, VGA (480x640), 333 nits
Touch Panel	Industrial touch panel with resistive touch and support for finger touch and stylus
Keypad	Backlit 55-key alphanumeric, 43-key alpha shifted numeric, 34-key numeric shifted alpha (phone or calculator style)
Audio	Speaker, HAC compliant receiver, microphone
Camera	3.1 megapixel camera with Automated Camera Control (ACC). Features include automated picture profiles, camera Application Programming Interface (API), cooperational use of camera and imager, and flashlight utility
I/O Ports	RS-232/USB 2.0/audio out/charging connector, integrated IrDA port with support for SIR mode
Storage Expansion	User accessible Micro SDHC memory card slot. Please check current price guide for available qualified card options
Battery	Standard – Li-ion, 3.7V, 3060mAh; Extended – Li-ion, 3.7V, 5000mAh
Battery Life	Standard/Extended: 9 hours/15.5 hours (scanning and sending data over WLAN every 9 seconds) Standard/Extended: 8 hours/14.75 hours (scanning and sending data over WWAN every 15 seconds, GPS continuously receiving information)
Imager/Scanner	N5600/5603 Standard range (SR), Extended range (ER), and High Density (HD) imagers with high-visibility laser or green LED aimer. All imagers have 25° angle and come equipped with Adaptus 6.0 Imaging Technology
Decode Capabilities	Reads standard 1D and 2D symbologies
Development Environment	Honeywell SDK for Windows® Embedded
Warranty	1 year factory warranty
Service Plans	Optional three-and five-year Service Made Simple programs offer worry-free mobile computing
Wireless Connectivity	
WWAN	GSM (Voice and Data): 3.9G - HSPA+ (800/850/1900/1700/2100 MHz), GSM/GPRS/EDGE (850/900/1800/1900 MHz) Software definable Gobi 3000 (data only): 3.9G – HSPA+/UMTS (800/850/900/1700/1900/2100MHz), GSM/GPRS/EDGE (850/900/1800/1900MHz), EVDO Rev A - 1xRTT/EVDO (800/1900 MHz); support for dual SIM card
WLAN	802.11a/b/g/n, Wi-Fi™ - certified
WLAN Security	WPA, WPA2 (Personal and Enterprise), 802.1x, EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, WMM, CWG-RF Profile, CCX v.4, WAPI
WPAN	Bluetooth® V2.1, support for enhanced data rate 2.0 Mbps & 3.0 Mbps rates class II
GPS	Integrated Assisted GPS (A-GPS) with fast position acquisition and low power consumption

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For more information:

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